

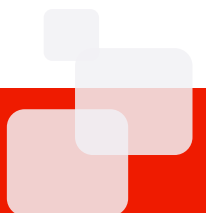


RFID CD/DVD labels

To accommodate the needs of libraries in managing the tagging process with optimal efficiency, APTQ has developed the Library Tag Program.

The comprehensive program encompasses an extensive range of EM and RFID tags, including RFID CD/DVD labels, tailored for diverse applications. With an assortment of sizes and finishes, these tags cater to the ever-evolving media formats in libraries. Utilizing EM and/or RFID library tags ensures secure circulation of media. By employing high-quality tags, libraries can expect reliable service for an extended period.

Compact Discs, including Blu-ray CDs, DVDs, and CD-ROMs, are safeguarded by applying a protective label with an integrated RFID chip directly onto the disc. These labels cater to both circulating and non-circulating collections, ensuring comprehensive protection for various types of media.

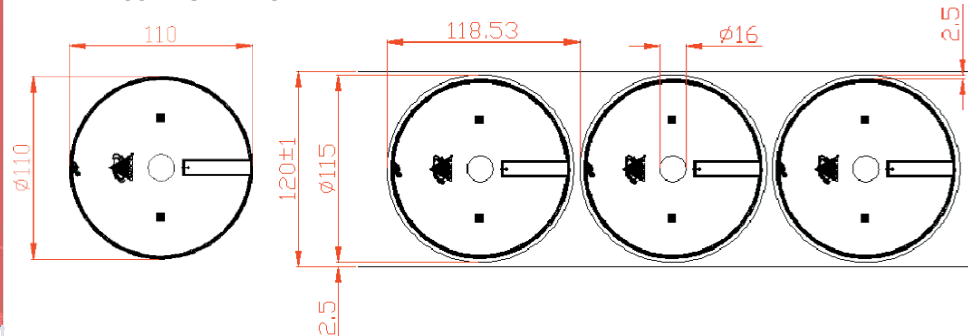


RFID CD/DVD labels

RFID CD/DVD label Ø 115 mm

ISO 15693, ISO 18 000-3 Mode-1

NXP ICODE SLIX2 IC



Mechanical dimensions:

Antenna size:	Ø 110 mm
Tolerance:	+0.5 mm
Die-cut size:	120 mm
Tolerance:	+/- 1 mm
Pitch, length:	118.53 mm
Die-cut to web edge:	2,5 mm
Antenna to Die-cut length:	2,5 mm +/- 0,5 mm

Reel Details:

Web width (A):	120+/- 1mm
Inner core diameter (B):	76 mm
Core thickness (C):	6 - 8 mm

Product structure:



Electrical Specification:

Manufacturer / IC: NXP ICODE SLIX2
 Substrate material: PET
 Antenna Process Mode: Aluminum Etching
 Protocol: ISO / IEC / 15693
 Memory: 2.5 Kbit
 Operating Frequency: 13.56 MHz
 Working mode: passive
 Data Retention: 100.000 cycles (50 years)

Environmental requirement:

Operating temperature / Humidity: -40 ~ +85 C / 20% ~ 60% RH
 Storage temperature / Humidity: -40 ~ +85 C / 20% ~ 60% RH
 Product quality warranty: at 20 ~ 30 C / 20% ~ 60% RH
 1 year in closed antistatic bags

